

Catalytic Transformation of Ethyl Alcohol  
Under Pressure, B. A. Bolotov, L. K. Smirnova,  
6 pp.

Full tr

RUSSIAN, no per. Zhur Obshch Khim, Vol XXV, No  
10, 1955, pp 1987-1991. CIA 542765-C, reel 3.

Scientific - Chemistry  
Aug 56 CTS

Consultants Bureau

37,459

The Adaptive Character of Amylase in *Aspergillus*  
Oryzae, by L. S. Smirnova, 8 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXVI, No 1,  
Jan/Feb 1957, pp 45-51.

Amor Inst of Biol Sci

Sci - Biology  
Nov 57

55,681

The Morphology of Aspergillus Oryzae on Media of  
Various Compositions, by L. S. Smirnova, 6 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXVIII, No 5,  
1959, pp 662-666.

Amer Inst of Biol Sci

Sci -- Biology  
Jul 60

120,903

The IKS-11 and IKS-6 Infrared Spectrometers, by  
L. V. Smirnova, 1 p.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Mat Ser Fiz,  
Vol XIX, No 1, 1955, p 52. CIA C 42053

Columbia Tech Tr

Scientific - Physics  
May 56 CIB/dex

34,658

A Comparative Study of the Biological Properties of  
Strains of Influenza Virus Isolated in Kiev in 1957 and  
1959, by M. F. Smirnova, L. F. Shevchenko, 4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 2, 1961,  
pp 178-181.

PP

Sci

Aug 62

207,046

The Reversion of Glucose in Sulfuric Acid, by V. I. Sharkov, M. O.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 9,  
1954, pp 975-982.

Assoc T~~h~~ Sv RJ 275  
PO Box 271  
East Orange, NJ

Scientific - Chemistry

Feb 56

31, 219

The Reversion of Glucose in Solution of Concentrated  
Sulfuric Acid, by V. I. Sharkov, M. G. Smirnova.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 9,  
1954, pp 975-982.

Assoc Tech Sv RJ 275  
PO Box 271  
East Orange, NJ

Scientific - Chemistry

31, 219

Feb 56

✓  
Reversion of Glucose in Concentrated Sulfuric  
Acid Solutions, by V. I. Sharkov, M. G. Smirnova,  
8 pp.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 9,  
1954, ~~pp 975-982~~ pp 975-982. CIA C 41305

Consultants Bureau

Scientific - Chemistry  
Mar 56 CTS/dex

32,263

C 41305 41305.16 10 10 10



The Hexokinase Activity of Skin, by M. G. Sharnov,  
4 p.

RUSSIAN, per, Biokhim, Vol XXIV, No 2, 1959,  
pp 345-348.

CB

Sci  
Jqn 60

105979

Phosphorylase of the Skin, by M. G. Smirnova, <sup>8</sup> pp.

RUSSIAN, bimo per, Biokhim, Vol XXI, No 4, Jul/Aug  
1956, pp 441-443.

Consultants Bureau

Sci - Chemistry  
May 57

48,156

(NY-7137)

EXPERIENCE IN THE USE OF RADIOACTIVE SODIUM FOR  
PURPOSES OF STUDYING VASCULAR PERMEABILITY  
IN CERTAIN FORMS OF OCCUPATIONAL DISEASES OF  
THE NERVOUS SYSTEM, BY N. N. RYZHIKOV, M. I.  
SHARONOV, ET AL, 5 PP.

RUSSIAN, SPER, OIG TRUDY I PROFESSIONAL\*  
ZABOLENNOSTI, NO 4, 1962, PP 38-35.

JPRS 14879

SCI - MED  
JUL 62

801,920

(NY-6971)

Investigation of the Liver Function With  
 $I^{125}$  Labelled Rose Bengsi in Acute and  
Chronic Trinitrotoluol Intoxication, by  
M. I. Smirnova, 7 pp.

RUSSIAN, per, Med Radiolog, Vol VI, No 11,  
1961, pp 42-46.

JPRS 13400

Sci  
May 62

197,401

(NY-6706)

The Rate of  $P^{32}$  Uptake by Erythrocytes Under  
the Chronic Effect of Ionizing Radiation, by ZI  
P. A. Rozenberg, M. I. Smirnova, 5 pp.

RUSSIAN, per, Medit Radiolog, No 1, 1961,  
pp 23-25.

JPRS 10884

175,800

Sci  
Dec 61

Synthesis and Properties of Pyrrolidine Bases.  
VIII. 1-Aryloxy-3-(2-methyl-N-pyrrolidyl)-  
propan-2-ols and Some of Their Derivatives, by  
A. P. Terent'yev, M. A. Volodina, M. L.  
Smirnova, V. G. Mishina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,  
1959, pp 3478-3482.

CB

Sci

Oct 60

130,644

A New Synthesis of Imidodisulfonates, by H. H.  
Zilberman and M. M. Smirnova, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol LXVI,  
No 3, 1956, pp 672-674.

----- Consultants Bureau

Sci- Chemistry  
Jan 57 CRS

42,491

Reactions of  $\alpha$ -Oxides. I. Kinetics of the Reaction  
of Ethylene Oxide With Cyclohexylamine in Various  
Solvents, by N. N. Lebedev, M. M. Smirnova, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4,  
1961, pp 519-524.

CB

Sci

Jun 62

200,455



the Mechanism for the Oxidation of  
Cyclohexanone with Sodium Hydroxylamine  
Monosulfonate. by E. N. Zilberman and  
M. H. Smirnova, 4 pp.

5  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,  
1957, pp 927-930.

Consultants Bureau

Sci - Chem

Aug 58

70,926

The Quantitative Estimation of Streptococcal Allergen  
by the Complement-Fixation Reaction with Sera of  
Animals Immunised with This Fraction, by I. M.  
Lisapert, M. N. Shirova, O. P. Gryalova, 8 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i  
Immunobiol, Vol XXXI, No 4, 1960, pp 20-26.

FF

Sci

Mar 61

143,512

Kinetics of the Reaction of Methylene  
Oxide with Aniline, by E. N. Letodov,  
M. M. Sinikova.

RUSSIAN, per, Izvestiya VUZ Khimiya i  
Khimicheskaya Tekhnologiya, Vol 3, No 1,  
1960, pp 104-108.  
ATB-14883

*M. M. Sinikova*

Sci-Chem  
Aug 66

309,203

The Influence of Products of Advanced Hydrolysis of  
Proteins of the Nutrient Medium on Toxin Formation  
by *C. Diphtheriae*--I. A Medium Digested with a  
Mixture of Trypsin and Enterokinase for the  
Preparation of Diphtheria Toxin.

by P. V. Pavlov, A. G. Leonova, M. V. Smirnova,  
6 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol Immunobiol,  
Vol XXXI, No 8, 1960, pp 65-69.

PP

164,150

Sci  
Aug 61

The Interrelation of Ribonucleic Acid and the  
Activity of Ribonuclease and Protease with Toxin  
Formation in C. Diphtheriae, by M. V. Smirnova,  
4 pp.

RUSSIAN, per, Biokhim, Vol XXXII, No 3, 1958,  
pp 351-355

Consultants Bureau

Sci - Chem. Biol

Mar 59

83,525

Effect of Nucleic Compounds on Activity of  
Proteolytic Enzymes of *C. Diphtheriae*, by  
M. V. Smirnova, 6 pp.

RUSSIAN, bimo per, Biokhimiya, Vol XXI, No 6,  
Sep/Oct 1956, pp 561-566.

Consultants Bureau

Sci - Med

56, 213

Dec 57

The Effect of Adenosine Triphosphate on the  
Activity of the Proteases of C. Diphtheriae  
and the Biosynthesis of Diphtherial Toxin, by  
M. V. Smirnova, 6 pp.

RUSSIAN, per, Biokhim, Vol XXIV, No 3, 1959,  
pp 392-397.

Consultants Bureau

Sci  
Feb 60

108,849

Some Characteristics of the Protease of Escherichia Coli Cultured under Stationary Conditions and with Aeration, by Chi T'ien-ch'ing and M. V. Smirnova, 5 p.

RUSSIAN, per, Biokhim, Vol XXIV, No 2, 1959, pp 205-209.

CB

Sci  
Jan 60

105,957



Ribonuclease of *C. Diphtheriae*, by M. V. Smirnova,  
D. M. Khraseva, 3 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 2, 1958,  
pp 234-236.

Consultants Bureau

Sci - Chem  
Jan 59

78,397

The Theory of Automatic Beam Scales With  
Electrical Balancing, by N. A. Smirnova,  
3 pp.

RUSSIAN, per, Izmeritel Tekh, No 10, 1960,  
pp 22-26.

Instrument Society  
of America

Sci

168,189

Sep 61

The Cerebral and Abdominal Ganglia and the Regulation  
of Cardiac Activity in *Helix Pomatia*, by  
Kh. S. Koshtoyants, N. A. Smirnova, R. Popkova, 6 p.

RUSSIAN, per, Fiz Zhur SSSR, imeni, I. M.  
Sechenova, Vol XLV, No 10, 1959, pp 1236-1241.

Pergamon Press

Sci  
Apr 60

114,619

REORGANIZING THE USE OF UNIT OF MASS STANDARDS,  
BY N. A. SMIRNOVA, N. M. RUDO, 3 PP.

RUSSIAN, PER, IZMERITEL TEKH, NO 6, 1961,  
PP 10-12

ISA

SCI  
FEB 62

183,044

The Role of Sulphydryl Groups and the  
Glutathione-Reductase System in Various Stages  
of Fatigue in Skeletal Muscle of the Frog, by  
N. A. Smirnova, 5 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.  
Sechenova, Vol XLV, No 8, 1959, pp 1015-1020.

Pergamon Press

Sci

Apr 60

114,816

Reasons for the instability of Metrological Characteristics of Analytical Balances, by N. A. Smirnova, 4 pp.

RUSSIAN, per, Izmeritel Tekh, Vol XXIV, No 1, 1962, pp 12-14.

CB

Sci

Oct 62

214,397

Miscibility and Liquid-vapour Equilibrium in the  
N-propyl Acetate-water System, by N. A. SMIRNOVA,  
A. G. KORACHEVSKIY, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 11, 1960,  
pp 2546-2553.

Cleaver-Hume Press

Sci

Aug 61

165,503

The Dependence of *Paramecium* Galvanotaxis on/  
Sulphydryl Groups, by N. A. Smirnova, 4 pp.

RUSSIAN, per, *Biofizika*, Vol II, No 6, 1957,  
pp 670-674.

Pergamon Press

Sci - Phys

Sep 58

71,859



Problem of the Etiology of the European Poul-  
brood and the Methods of Treating it with Anti-  
biotics, by N. I. Smirnova.

RUSSIAN, per, Vestnik, No 7, 1959, pp 1-40.  
(HRC/Ref: C-5030)

Sci -  
Aug 67 *N.I. SMIRNOVA* 339,891

Effect of Nickel on the Electrochemical and Corrosion  
Behavior of Steel, by G. M. Florianovich, Ya. M. Kolotyr-  
kin, N. K. Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4, 1958,  
pp 845-.

Consultants Bureau

Sci - Chem

22/6/59

90,068

Systematics of Structure Types, by G. B. Dokly,  
N. L. Smirnova, 11 pp.

RUSSIAN, per, Zhur Strukturnoi Khim, Vol IV  
No 5, 1963, pp 744-756.

CB

Sci-  
Aug64

263,937

Possible Values of the X Coordinates in Single-  
Parameter Lattice Complexes of the Cubic  
System, by N. L. Smirnova, 4 pp.

RUSSIAN, per, Kristallografiya, Vol VII,  
No 1, 1962, pp 7-11.

AIP  
Sov Phys - Crystal  
Vol VII, No 1

Sci  
Sep 62

211,729

The Structural Unity of Structural Types, by  
N. L. Sairnova, 4 pp.

RUSSIAN, per, Zhur Strukt Khim, Vol I, No 3,  
1960, pp 342-345.

CB

Sci

168, 896

Sep 61

Possible Superstructures of n-Layered Close Packings With  
n  $\geq$  3, by N. L. Smirnova, 5 ppp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol II,  
No 4, 1961, pp ~~422~~ 418-423.

CB

Sci  
Mar 62

198,891

Possible Superstructures in a Simple Cubic  
Structure, by N. L. Smirnova, 12 p.

RUSSIAN, per, Kristallografiya, 1959, Vol IV,  
No. 1, pp 20-24.

SLA 59-20780

Sci  
Mar 60  
Vol 2, No 12

109,284

Possible Superstructures for the Distribution of  
Atoms in Close-Packed Sites, by N. L. Smirnov, 12 p.

RUSSIAN, per, Kristallografiya, 1959, Vol IV, No 1,  
pp 13-19.

SLA 59-20781

Sci  
Mar 60  
Vol. 2, No 12

109,263



The Types of Structures for the Close-Packing of  
Atoms. III. Possible Types of Structures for the  
AB<sub>2</sub> Composition, by N. L. Smirnova, 8 pp.

RUSSIAN, per, Kristallografiya, Vol III, No 2,  
1958, pp 232-235.

SLA 59-15080

Sci - Phys.  
Sep 59  
Vol 2, No 1

97 794

Possible Arrangement of Atoms in the Octahedral  
Voids in the Hexagonal Close-Packed Structure,  
by N. L. Smirnova, 4 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 5, 1959,  
pp 778-781.

Amer Inst of Phys  
Soc Phys-Crystal

119, 316

Sci-Physics

Jun 60

On the Structure Types With the Densest Packing  
of Atoms. Possible Types of Structure for the  
 $AB_3$  Composition, by N. L. Smirnova, 10 pp.

RUSSIAN, per, Kristallografiya, Vol I, No 2, 1956,  
pp 166-170.

S.L.A. Tr R-442

*nuclear*  
Sci - Physics  
Jun 57

48, 781

1

Comparative Evaluation of the Physicochemical  
Properties of Soviet and Foreign Ion-Exchange  
Membranes, by B. N. Laskorin, N. M. Smirnova, 9 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXIV, No 8, 1961,  
pp 1700-1709.                     

CB

Sci

Jun 62

200,563

(DC-6938)

THE CONDITION OF THE CENTRAL AUTONOMIC REGULATION  
OF CARDIAC ACTIVITY IN IRRADIATED ANIMALS, BY  
N. P. SMIRNOVA, 13 PP.

RUSSIAN, PER, PATOLOG FIZ I EKSPER TERAPIYA, VOL VI,  
NO 2, 1962, PP 18-22.

JPRS L4767

SCI - MED  
AUG 62

206,934

74-10701  
The Problem of Hypothalamico-Hypophyseal  
Disorders From the Effect of Ionizing  
Radiation, by N. P. Smirnova, 8 pp.

RUSSIAN, per, Problemy Endokrin i Gormonoterapii,  
~~1961~~, No 6, Nov-Dec 1961, pp 17-19.  
Vol II,

JPRS 12726

Sci - Med  
Mar 62

183,650

Temperature Dependence of Basic Parameters of  
Point-Contact Diodes, by D. N. Nasledov, N. N.  
Smirnova, B. V. Tsarenkov, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 11, 1960,  
pp 2762-2769.

AIP  
Sov Phys - Solid State  
Vol II, No 11

Sci

Jun 61

158,521

( NY-3434 )

The Effect of Po<sup>210</sup> on the Body, by B. B. Moroz,  
N. P. Smirnova, 21 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 9, 1959.

JPRS 2706

Sci - Medicine

Oct 60

130,909



(NY-6811)

Determination of Impurities of Metals in  
Silicon Tetrachloride and Silicon Di-  
oxide by the Spectrochemical Method,  
by Yu. M. Martynov, I. I. Kornblit,  
~~XXXX~~ N. P. Smirnova, et al, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII,  
No 7, 1961, pp 839-842.

JPRS 12051

Sci - Chem

181, 376

Jan 62

Hypothalamic regulation of cardiac activity, by  
N. P. Smirnova, 7 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.  
Sechenova, Vol XLVII, No 2, 1961.

PP

199, 826

Sci  
Apr 62

Significance of the disturbance of central vegetative regulation upon injury of the cardiovascular system by the action of ionizing radiation, by N. P. Smirnova, 10 pp.

RUSSIAN, per, Radiobiologiya, Vol II, No 2, 1962, pp 228-233. 9208271

AEC-Tr-5429

Sci

341, 185

Jun 63

The Role of Liver in the Mechanism of Hypoglycemic  
Action of the Antidiabetic Sulfanilamides, by  
S. M. Leytes, N. P. Smirnova, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol. XLVI,  
No 9, 1958, pp 53-56.

Consultants Bureau

Sci - Med

Jun 59

90,111

The Effect of Total x-Ray Irradiation on  
the Thalamus, by N. P. Sainova, 4 pp.

RUSSIAN, per, Byul Eksp. Biol i Med,  
Vol XLVIII, No 9, 1959, pp 38-41.

Consultants Bureau

Sci

Mar 60

111, 314

(DC-5484)

Wind Profile in the Near-Water Layer Over  
Lake Ladoga, by A. F. Isotova, T. A. Ogneva,  
N. P. Smirnova, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,  
No 3, pp 587-590.

JPRS 8179

154,120

USSR  
Geog  
May 61

The Change in the Synthesis and Transamination of  
Amino Acids in Rat Liver in Protein Deficiency, by  
N. N. Berezovskaya, N. P. Smirnova, 8 pp.

RUSSIAN, bimo ger, Biokhim, Vol XXI, No 4, Jul/Aug  
1956, pp 457-460.

Consultants Bureau

Sci - Chemistry  
May 57

48,159

Changes in Antibody Content and Rate of  $C^{14}$  Labelled  
Glycine Incorporation into Antibodies on Immunization  
of an Animal with Two Antigens, by A. E. Gurvich, by  
H. P. Smirnova, 9. pp.

RUSSIAN, per, Biokhimiya, Vol XXVI, No 4, 1957, pp  
626-635.

Consultants Bureau

Sci-Chem

Jun 58

65,405



61-15208

Smirnova, N. V., Sholdinov, A. P., and  
Kocheshkov, K. A.

PREPARATION OF COMPOUNDS OF THE TYPE OF  
TRIACYLNITROGEN (Polucheniye Soyedinenii Tipa  
Triatsillazota). Nov 60 [6]p. 12 refs. RTS 1708.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-15208

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1952,  
v. 84, no. 4, p. 737-740.

- I. Nitrogen compounds  
(Organic)--Synthesis
- I. Smirnova, N. V.
- II. Sholdinov, A. P.
- III. Kocheshkov, K. A.
- IV. RTS-1708
- V. Department of Scientific  
and Industrial Research  
(Gr. Brit.)

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 6)

Types of Matrix and Their Influence on the Permeability of  
of Arenaceous Rocks, by N. V. Smirnova,

RUSSIAN, per, Geol Nefti i Gaza, Vol III, No 7,  
1959, pp 33-39.

ATS 2332-RJ

Sci - Engr

Sep 60

126,566

I. Smirnova, N. V.

TYPES OF CEMENT IN SAND STONES AND SILT  
STONES. 13 Nov 61, 24p. 24 refs.  
Available on loan from SLA

63-10224

Trans. of Akademiya Nauk SSSR, Institut Geologii i  
Razrabotki Goryuchikh Iskopaemykh. Trudy, 1960, v. 1,  
p. 247-259.

DESCRIPTORS: Rock (Geology), \*Sandstone, Porosity,  
Permeability, \*Cements, Minerals, Bonding, Hydraulic  
reservoirs, Petroleum, Gases, \*Silt.

(Earth Sciences--Geology, TT, v. 9, no. 4)

63-10224

I. Smirnova, N. V.

C227804

Office of Technical Services

Dihydrosarcomycin and Related Compounds.  
3, by A. B. Arendaruk, E. I. Budovskiy,  
D. P. Gornikh, M. Ya. Karpeiskiy, L. I.  
Kudryashov, A. P. Skoldnov, N. V. Smir-  
nova, A. Ya. Khorlin and N. K. Kochetkov,  
46 pp.

←RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 5, 1957, pp 1312-1317.

Consultants Bureau

Sci - Chem  
Sep 58

72, 881

36  
Synthesis and Investigation of Polycarbonates  
Prepared by Interfacial Polycondensation. Part 1.  
Investigation of the Effect of Monofunctional  
Compounds and Changes in the Concentration of  
the Solution of One of the Components on the  
Course of Interfacial Polycondensation of 2,2-  
BIS(4-Hydroxyphenyl)Propane and Phosgene, by  
O. V. Skirnova.

RUSSIAN, per, Gosizdatizdat Vysokomolul  
Sodin, 1966, pp 192-195.  
ATS-4866

Sci  
Dec 68

368,737

Smirnova, O. V.  
THE EFFECTS OF PRIOR VACCINATION WITH  
LIVE ANTIPLAGUE EB VACCINE ON THE RADIO-  
RESISTANCE OF ANIMALS. [1963] [13p] 9 refs  
FASEB Ms no.: 5362-3.  
Order from ORE, SLA, or ETC \$1.60 TT-64-13835

Trans. of Meditsinskaya Radiatsiya (USSR) 1963,  
v. 8, no. 3, p. 66-71.

DESCRIPTORS: \*Radioprotective agents, \*Vaccines,  
Pasteurella.

(Biological Sciences--Radiobiology, TT, v. 11, no. 8)

TT-64-13835

- I. Smirnova, O. V.
- II. FASEB-S-362-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

73628

Office of Technical Services

71-0000/5  
Influence of Ionizing Radiation on Metabolism of  
Brain Phospholipids, by O. A. Safrnova, 8 pp.

RUSSIAN, per, Ukrainskiy Biokhim Zhur, Vol XXVIII,  
No 2, 1961, pp 208-213.

JPRS 9735

Sci - Med

Jul 61

160,329

Causes of Surface Defects on Billets and  
Rolled Sections, by V. F. Isupov, O. A.  
Smirnova, T. M. Sgar, 3 pp.

RUSSIAN, per, Stal, No 9, 1959, pp 842-844.

BISI

Sci

Available in 5 Library

Apr 60

112,435



The Effect of Polyamines on Blood Catalase  
Activity of Irradiated Animals, by O. I.  
Shirnova pp. 7

RUSSIAN, per, Radiobiologiya, Vol II, No 3,  
1962. 9269169 pp. 378-382

AEC-Tr-5430

Sci - Nucl Sci

Aug 63

2110, 244

Zaporozh'ye, by S. P. Vasilivskiy, O. V. Saimova, 25 pp.

RUSSIAN, per, Zaporozh'ye, 1958, pp 1-28. (Call No  
X651, Z351 Z3, Eng Tr)

AMB

USSR  
200  
Feb 61

139,801

Reaction of Aromatic Compounds with Alcohols  
in the Presence of Acid Catalysts. IV. Reaction  
of Benzene with Polyhydric Alcohols in the  
Presence of Acid Catalysts, by I. P. Loser,  
O. V. Smirnova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 4, 1958, pp 991-993.

Consultants Bureau

Sci - Chem  
Jun 59

89,147

Reaction of Aromatic Compounds with Alcohols  
in the Presence of Acid Catalysts. V.  
Reaction of Benzene with Polyvinyl Alcohol  
in the Presence of Acid Catalysts, by I. P.  
Losev, O. V. Smirnova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 4, 1958, pp 994-997.

Consultants Bureau

Sci - Chem  
Jun 59

89,148

The Reaction of Aromatic Compounds with Allyl Chloride and Allyl Alcohol in the Presence of Acid Catalysts, 1. The Reaction of Benzene and Toluene with Allyl Chloride and Allyl Bromide in the Presence of Aluminum Chloride, by I. P. Losev, O. V. Smirnova and T. A. Pfeifer, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXI, No 4, USSR, Apr 1951, pp 668-677

Consultants Bureau  
Vol 21, Apr 1951

A-7519

The ~~Structure~~ Crystal Structure of Cuspidine,  
by R. F. Smirnova, 10 pp.

RUSSIAN, Abstract of a Thesis for Candidate  
of Physico-Mathematical Sciences, 1954.

Sci Mus Lib No 56/0875

Sci - Chemistry

39,349

Preparation of Cathodophosphorescent  
Materials, by R. I. Smirnova, E. Ya. Posina.  
RUSSIAN, per, Patent No 175162, 22 May 1964.  
\*FTD-HT-66-731

R. I. Smirnova

Sci - Materials  
Nov 66

Influence of Oxygen on the Luminescence Properties  
of Activatorless Zinc Selenide, by L. Ya. Markovskiy,  
R. I. Smirnova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Kh Fiz, Vol XXV,  
No 4, 1961, pp 442-445.

CTT

202,723

Sci

Jan 62



The Reaction of Cadmium Sulphide With Selenous Acid,  
by L. Ya. Markovskiy, R. I. Smirnova, 4 pp.

RUSSIAN per, Zhur Neorgan Khim, Vol VI, No 4, 1961,  
pp 948-956.

Cleaver-Hume Press

Sci  
Jun 62

200,411

Reactions between dry cadmium sulphide and selenium  
dioxide powders, by R. I. Smirnova, L. Ya. Markovskii.  
2 pp.

RUSSIAN, per. Zhur Neorgan Khim, No 6, 1962,  
pp 1366-1369.

CS

Sci

Apr 63

233,456

Reactions between dry ZnS and SeO<sub>2</sub> Powders, by  
L. Ya. Markovskiy, R. I. Smirnova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 9,  
1960, pp 2042-2047.

Cleaver-Hume Press

165,232

Sci  
Aug 61

The Chemistry of Reaction Between Zinc Sulfide and  
Selenious Acid, by L. Ya. Markovskiy, R. I. Smirnov,  
12 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 12, 1957,  
pp 2752-2757.

AEC-tr-4062  
PL-480

Sci - Chem

May 61

PST No 89

152, 637

Chemical Aspects of the Formation of Zinc Sulfide-  
Selenide Phosphors, by L. Ya. Markovskiy, R. I.  
Smirnova, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXXII,  
No 11, 1959, pp 1327-1332.

Columbia Tech

Sci

Feb 61

138,322

The Chemistry of Reaction Between Zinc Sulfide and  
Selenious Acid, by L. Ya. Markovskiy, R. I. Smirnova,  
12 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 12, 1957,  
pp 2752-2757.

ABC-tr-4062  
PL-480

Sci - Chem

May 61

PST No 89

152, 637

"Fractional" Peaks in the Mass-Spectrum of  
Hydrogen, by N. N. Tunitskiy, R. M. Smirnova,  
M. B. Tikhomirov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CI, 1955,  
pp 1083-1084.

AEC Tr 2310

Sci - Physics

29,190

Appreciation of Darching Weather Over Small  
Territories, by S. Smirnova.

RUSSIAN, per, Met 1 Gid, No 6, 1958, p 32.

CSIRO Tr 5063

Sci - Geophys

Jun 61

157,786



61-15309

Smirnova, S. I.  
APPRECIATION OF PARCHING WEATHER OVER  
SMALL TERRITORIES (K Metodike Otsenki  
Sukhovveyev na Nebol'shoy Territorii) tr. by M. Slade.  
[1960] [4]p. (foreign text included). CSIRO Trans.  
no. 5063.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-15309

Trans. of Meteorologiya i Gidrologiya (USSR) 1958,  
no. 6, p. 32.

A method is proposed for evaluating the influence of  
drying winds on a small geographical area.

(Earth Sciences--Meteorology, TT, v. 5, no. 8)

1. Wind--Physical effects
2. Soils--Moisture content
- I. Smirnova, S. I.
- II. CSIRO Trans-5063
- III. Commonwealth Scientific  
and Industrial Research  
Organization (Australia)

Office of Technical Services

Some Histophysiological Features of the Autonomic  
Neurons of the Brain Stem, by P. A. Motavilin, S. N.  
Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6,  
1959, pp 1324.

AIBS

Sci - Bio  
Oct 59

100,147

The Shubenikov Group 1651, by N. Belov, N. Neporova,  
T. Smirnova, 45 pp.

RUSSIAN, per, Trudy Inst Khrist Ak Nauk SSSR, No 11,  
1955, pp 33-67.

SLA R-1456

Jul 58

69, 949

Experimental Investigation of a Two-Level  
Paramagnetic Amplifier at Frequency 9000 MC, by  
Ya. L. Shamfarov, T. A. Smirnova, 5 pp.

RUSSIAN, per, Radio i Elek, Vol VIII, No 9, 1963.

IEEE

Sci  
Sept 64

Sept  
266,640

A New Air-Blast Circuit Breaker for 220 kV,  
7000 MVA, by T. I. Smirnova, 5 pp.

RUSSIAN, per, Elektrichestvo, No 6, 1957,  
pp 48-50.

FP

Sci - Electra

Nov 59

100,847

~~AMERICANIST~~ translation of SF-Groups of Glycerin, by  
F. I. Smirnova, B. F. Poglazov, V. L. Kretovich,  
3 pp.

RUSSIAN, per, Biokhim, Vol XXIV, No 4, 1959,  
~~pp 758-760~~ pp 758-760.

CB

Sci

Nov 60

132, 418

Investigation of Glycine Fractions in the Ultra-  
centrifuge, by V. L. Kretovich, T. I. Smirnova,  
S. Ya. Frankel', 5 pp.

RUSSIAN, per, Biokhimiya, Vol XXIII, No 1, 1958,  
pp 135-139.

Consultants Bureau

Sci - Chem  
Nov 58

77,019

A New 220 KV, 7,000 MVA Air-Blast Circuit Breaker,  
by T. I. Smirnova, 2 pp.

RUSSIAN, <sup>MO</sup>per, Elektrichestvo, 1956.  
^

CIA/FDD X-2605

Sci - Electricity  
Nov 57

54,931



Molecular Weight Determination of Some Proteins in  
Monomolecular Layers, by G. A. Deborin, G. F.  
Ivashchenko, T. I. Smirnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 3,  
1957, pp 602-605.

Consultants Bureau

Sci - Biology  
May 58

62,716

A Study of the Absorption Spectra of Glycinin With  
Reference to Its Association-Dissociation, by V. L.  
Kretovich, T. I. Smirnova, 6 pp.

RUSSIAN, per, Mikhlin, Vol XXVI, No 5, 1961,  
pp 800-806.

CS

Sci

Jul 62

204,283

Oxidation-Reduction Conditions as a Factor of  
Enzymatic Activity of Plant Proteins, by V. L.  
Kretovich and T. I. Smirnova, 8 pp.

RUSSIAN, bimo per, Biokhim, Vol XXII, No 1, 2,  
Jan-Apr 1957, pp 102-110.

Consultants Bureau

Sci - Chemistry  
Apr 58

61,655

Investigation of the Reserve Proteins of the  
bean by Means of the Ultracentrifuge, by V. I.  
Kretovich, T. I. Smirnova, S. Ya. Frenkel, *pp 8*

RUSSIAN, per, Biokhimiya, Vol XXI, No 6, 1956,

*pp 842*

Consultants Bureau

Sci - Med

Apr 58

*62, 311*

The Use of  
Potassium Bromide Crystals for Dosimetry of  
 $\gamma$ -Radiation, by V. S. Bubnov, I. B. Keyrim-  
Markus, T. N. Smirnova, 9 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci

Oct 60

130,465

(WX-3982)

The Use of Potassium Bromide Crystals for  
Dosimetry of  $\gamma$ -Radiation, by V. S. Babayev,  
I. B. Keyrim-Markus, T. N. Smirnova. 9 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci - Med

Oct 60

128,379

X-Ray Investigation of Plastic Deformation of  
Metals Under Static and Dynamic Compression, by  
T. N. Smirnova, Yu. S. Terminasov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 6, 1956, pp 664-670.

Columbia Tech

Sci - Physics  
Jul 57

49,794

Shubnikov Groups, by N. V. Belov, N. H. Meronova,  
T. S. Smirnova,

RUSSIAN, per, Kristallographiya, Vol II, No 3,  
1957, pp 315-325.

Amer Inst of Phys

Sci

Feb 60

108,595